EPSON®

P-1000

User's Guide

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Introduction

With the EPSON® P-1000, you can easily view, store, and print pictures you have taken with a digital camera. Your photos are displayed on a high-quality LCD to show them off with the brightest colors and most vivid detail.

The P-1000 is a compact, versatile storage device you can carry with your digital camera to back up images on the road. Transfer the pictures from your memory card to the P-1000's 10GB hard drive, and your card is ready to hold more photos. Later, you can transfer your pictures to your computer or other storage device.

For fast and convenient printing, you can connect the P-1000 directly to your EPSON Stylus® Photo printer. You don't need a computer.

Your P-1000 comes with EPSON Software™ Film Factory™ version 3.0 (on the CD-ROM). If you don't have any photo software already on your computer, you can install Film Factory to help you copy and manage your photos. (See your *Quick Reference Guide* for instructions.)

Features

The P-1000 lets you:

- View JPEG images of up to 6 megapixels with an aspect ratio of 6:1 in high resolution anywhere, anytime, without a computer
- Print images directly to your EPSON Stylus Photo printer
- Store images on the P-1000's internal 10GB hard disk drive
- Copy pictures from and to a memory card
- Copy pictures from and to a computer
- Archive pictures to a CD-R/RW without using a computer
- Display pictures on an external monitor, such as a TV

The P-1000 supports Type I and Type II CF (CompactFlash®) memory cards, including Microdrive™ (3.3 V). If you have a CompactFlash adapter, you can also use the following types of memory cards:

- SD memory card
- Memory Stick®
- SmartMedia™ (3.3 V only)
- MultiMediaCard
- xD-Picture Card™

Using the Documentation

This books explains how to use the P-1000. You may want to copy it to your computer; see the *Quick Reference Guide* for instructions.

Chapter 1 covers unpacking the P-1000, charging the battery, turning it on and off, and connecting other devices.

Chapter 2 explains how to view, copy, and delete images.

Chapter 3 describes how print directly to a printer.

Chapter 4 explains how to change the P-1000's settings to make it work best for you.

Chapter 5 covers maintenance and troubleshooting.

Please read the Safety Instructions on page 60 to make sure you're using your P-1000 safely.

Warning:
Must be followed carefully to avoid bodily injury.

Caution:
Must be observed to avoid damage to your equipment.

Note:
Contains important information and useful tips on the operation of your product.

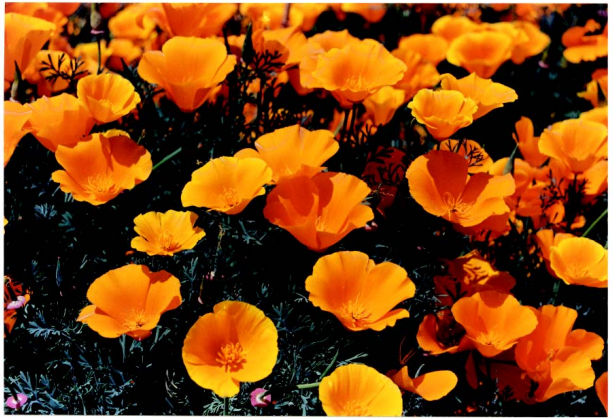
If you need assistance setting up or using your P-1000, see "Where to Get Help" on page 59.

Your package also includes a *Quick Reference Guide*. Keep it with the P-1000 for handy reference when you travel.

Getting Started

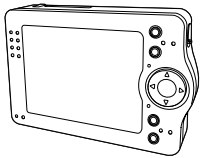
Follow the instructions in this chapter to:

- Unpack the P-1000
- Install and charge the battery
- Turn the P-1000 on and off
- Insert and remove a memory card
- Connect a computer
- Connect an external monitor
- Connect a CD-R/RW drive

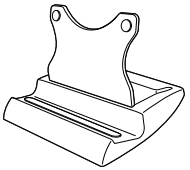


Unpacking Your P-1000

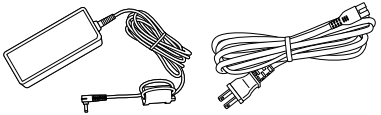
Make sure you have all the items shown below when you unpack your P-1000.



EPSON P-1000



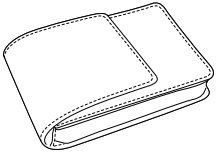
Viewing stand



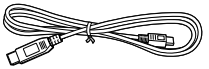
AC adapter and power cord

Quick Reference Guide

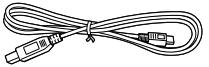
CD-ROM containing Film Factory and this online *User's Guide*



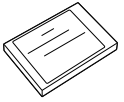
Carrying case



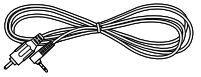
Type A USB cable



Type B USB cable

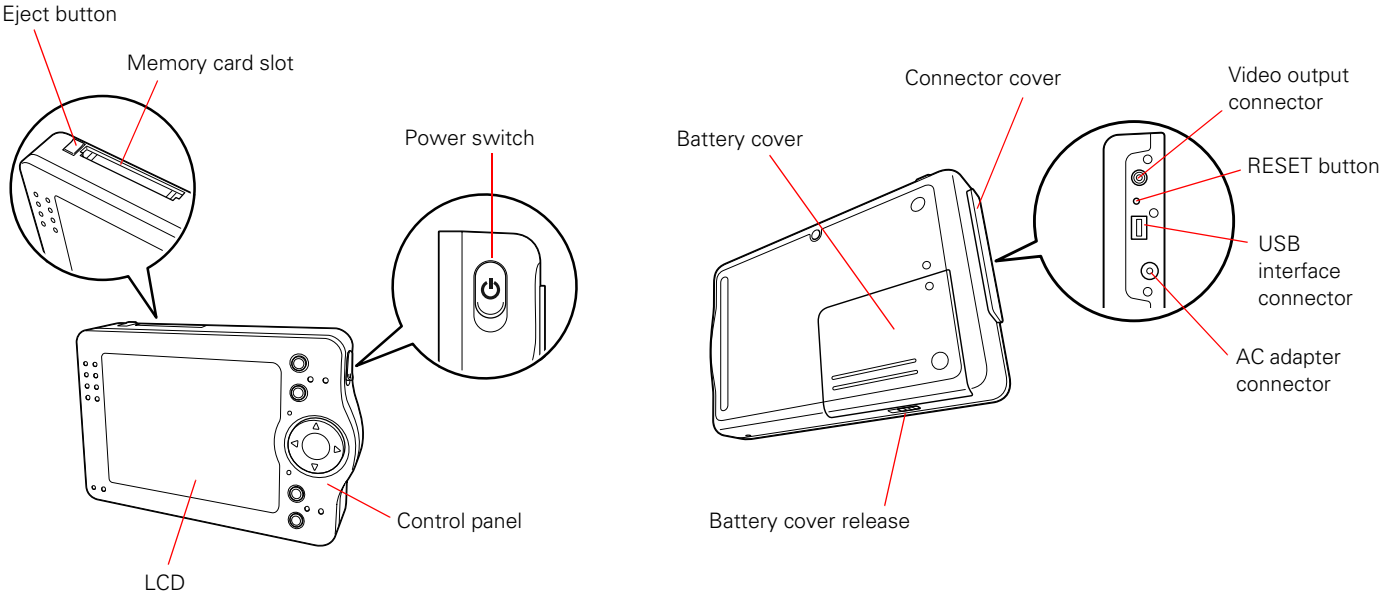


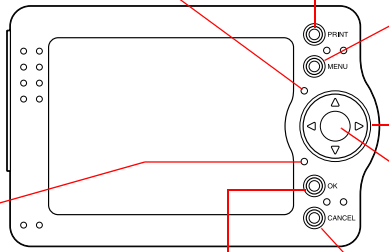
Lithium-ion battery



Video cable

P-1000 Parts


Eject button
Memory card slot
Power switch
Control panel
LCD
Connector cover
Video output connector
Battery cover
RESET button
USB interface connector
AC adapter connector
Battery cover release



ACCESS light
Flashes orange when you turn on the P-1000 or access data.

PRINT button
Displays the Print menu.

MENU button
Displays the Pop-up menu. (See page 25.)

Arrow button
Press ◀, ▶, ▲, or ▼ to select a photo or an option in a menu.

CHARGE light
Flashes green when the battery is being charged.

Activity light
Flashes during power on and off, printing, and certain other operations.

OK button
Selects a highlighted option, opens the selected folder or photo, and zooms into an image.

CANCEL button
Cancels the current operation and returns to the previous screen.

About the AC Adapter

The P-1000 comes with an AC adapter. Use the adapter to charge the battery and when the P-1000 is connected to a computer, CD-R/RW drive, or printer. You might also want to use it whenever possible to view your images, so you can save battery power.

Warning:
Use only the AC adapter provided, which is designed for the P-1000. Using another adapter could cause fire, electrical shock, or injury.

Do not use the AC power cord or the adapter for any purpose other than powering the P-1000.

If the AC plug does not fit your outlet, have a proper outlet installed by a qualified electrician.

To avoid radiation danger, do not expose or remove the ferrite core.

To prevent fire or electric shock, do not cover the AC adapter with a blanket or similar covering.

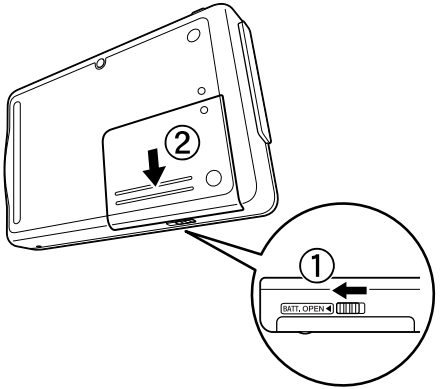
Do not connect the AC adapter when the battery is not installed; this can damage the P-1000.

Do not remove the AC adapter from this device during operations. You can, however, connect the adapter during operations.

Installing the Battery

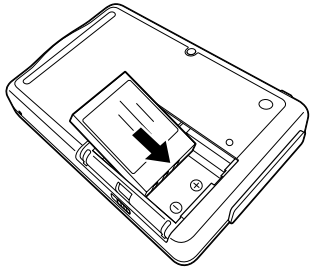
The P-1000 comes with a Lithium-ion battery. Follow these steps to install it:

1. Slide the battery cover release button as shown below to unlock the battery cover.



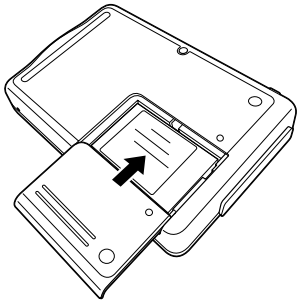
2. Slide the cover off.

3 Insert the battery into the compartment, aligning the **+** and **–** ends with those on the inside of the compartment.

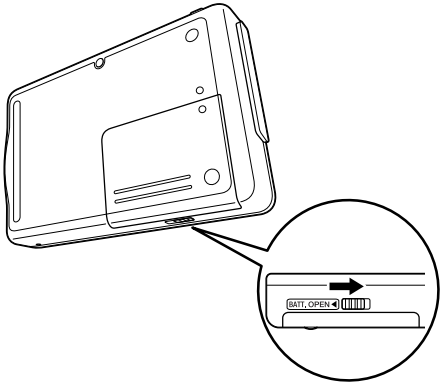


Note:
Place the battery on top of the clear plastic tab so the tab sticks out; this will make it easier to remove the battery later if you need to replace it.

4 Replace the battery cover.



5 Slide the battery cover release button as shown below to lock the cover.



Charging the Battery

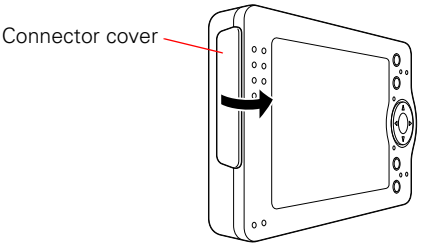
After installing the battery, you need to charge it using the AC adapter. It takes about 3.5 hours to fully charge the battery. The battery status is displayed in the top right corner of the LCD screen when the P-1000 is on.

	Battery is fully charged.
	Battery power is about half full.
	Battery power is low.
	Battery power is running out. The P-1000 is shut down automatically. Charge the battery using the AC adapter.
	Battery is charging.

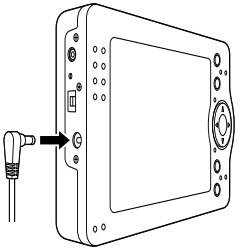
Note:
Although the full battery icon may appear before 3.5 hours, leave the AC adapter connected for the entire 3.5 hours to ensure the battery is fully charged.

Follow these steps to charge the battery:

1. Remove the connector cover.



2. Connect the AC adapter as shown below. Connect the other end to an electrical outlet.



Caution:
Do not connect the AC adapter when the battery is not installed; this can damage the P-1000.

The CHARGE light flashes green while the battery is being charged. When the battery is fully charged, the CHARGE light turns off. A fully charged battery lasts about 1 hour, depending on how you use the P-1000. When it is running out, you see the message Battery power is low. Connect the AC adapter to ensure proper operation.

Conserving Battery Power

To conserve battery power and protect the LCD screen, the P-1000 has two power-saving features. If no button has been pressed and there has been no activity for 3 minutes, the backlight on the LCD screen is turned off. After 5 minutes, the power is turned off.

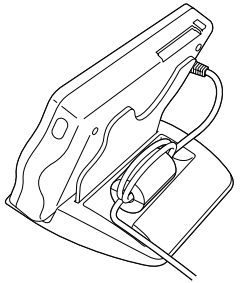
Note:
You can change the number of minutes for these settings; see "Setting the Power Save Options" on page 48.

If the screen goes dark because the backlight is turned off, press any button on the P-1000 to resume operation. If the P-1000 has been powered off, you need to turn it back on with the power switch.

Note:
The power is also turned off if the P-1000 gets too hot. If this happens, let it cool before turning it back on.

Placing the P-1000 in the Viewing Stand

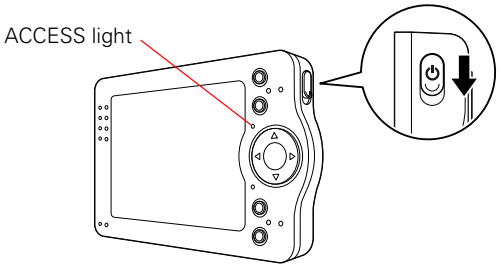
For a comfortable way to look at your pictures, you can put the P-1000 in the viewing stand:



This is especially convenient for watching a slide show.

Turning On the Power

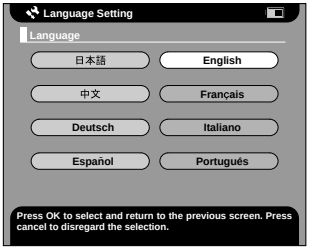
To turn on the power, slide the power switch down, as shown below, and release it. After a few seconds the ACCESS light flashes orange briefly and then the Main Menu appears. (See page 21 for more information about the menu.)



Note:
It may take 5 or 10 seconds for the power to come on.

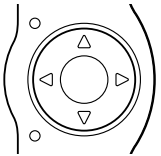
Setting the Language, Date, and Time

When you turn on the P-1000 the first time, you see the language setting screen:

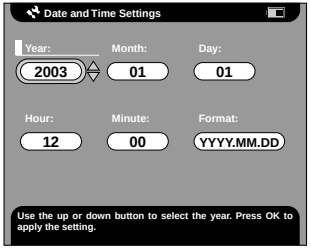


Note:
If you see the Main Menu instead, the language has already been selected. To change it or check the date and time, select **Settings** from the Main Menu. Then select **Language Setting** and follow the instructions below.

1 Press ◀, ▶, ▲, or ▼ on the arrow button to select the language you want. Then press the **OK** button.



You see the Date and Time Settings screen:

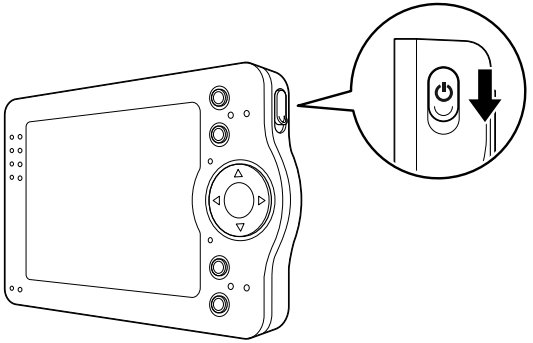


2. Press ▲ or ▼ on the arrow button to change the value for the selected item (such as the year).
3. To go to the next option (Month or Day, for example) press ◀ or ▶. Then use ▲ and ▼ to change that setting.
4. After you finish making all settings, press the OK button. You see the Main Menu (described on page 21).

Note:
If you remove the P-1000's battery, the date and time settings will be erased after about two days; so you'll need to check and possibly change the settings. You'll also need to check the date and time after replacing the battery to make sure they are set correctly. See "Setting the Date and Time" on page 49 for details.

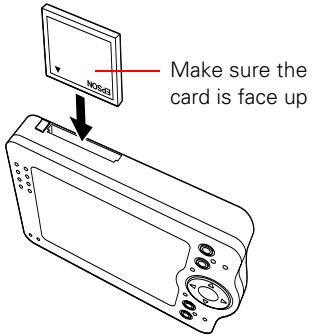
Turning Off the Power

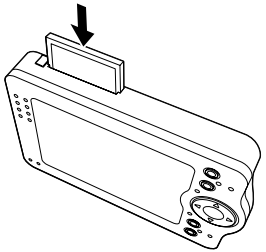
Before you turn off the P-1000, make sure the ACCESS light is off. Then slide the power switch as shown below, and hold it down for about 2 seconds until the power is turned off.



Inserting and Removing a Memory Card

To insert a memory card, make sure it is facing up, and slide it in until it is securely seated in the slot.





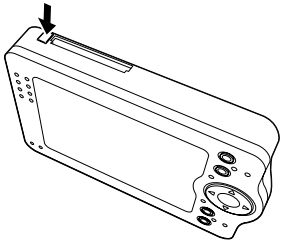
Note:
The eject button may not pop out when you insert the card.

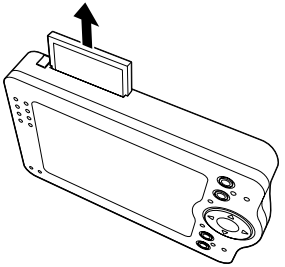
If you are using a CompactFlash adapter, put the card into the adapter and insert the adapter into the slot.

Caution:
Avoid using or storing the card in direct sunlight, or in places that are extremely hot, humid, or dusty.

When you are ready to remove a memory card, make sure the ACCESS light is off. Then push the eject button and pull out the card. If the button is not sticking out, press it once to pop it out, and then press it again to eject the card.

Caution:
Never remove a memory card while the ACCESS light is on; this can damage or erase data on the card or HDD.



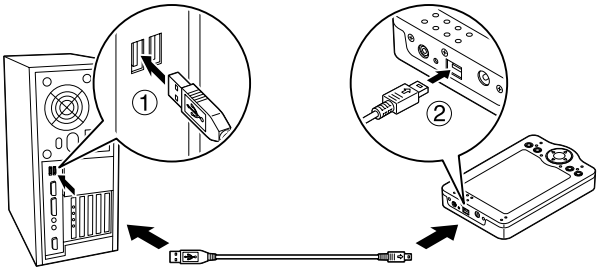


Note:
If you are using a memory card in a CompactFlash adapter, remove the adapter from the P-1000; do not remove only the memory card.

Connecting a Computer to the P-1000

You can connect a computer to display images on your monitor and to copy images from one device to the other. Follow these steps:

1. Connect the AC adapter to the P-1000.
2. Make sure your computer and the P-1000 are turned on and the Main Menu is displayed on the LCD screen.
3. Connect the larger, flat end of the Type A USB cable to your computer and connect the other end to the P-1000.



The PC peripheral mode icon (🖳) appears on the P-1000 screen, then the LCD is turned off.

Note:
Although the LCD screen is off while the USB cable is connected, you can make it come on briefly by pressing any button on the P-1000.

If your computer does not recognize the P-1000 right away, you may need to refresh the view or restart your computer.

Now you can view your P-1000 images on the computer's monitor (as described on page 25) or copy files to or from the computer (see page 31).

4. When you are done, close your application and/or click the USB device icon on your screen (or drag it to the trash icon) to stop the device. Then you can safely unplug the USB cable.

Connecting an External Video Device

If you have an external monitor such as a TV that has a composite video-in connector, you can connect it to the P-1000 and view photos on the larger screen. Just connect the monitor to your P-1000 with the video cable that came with the P-1000.

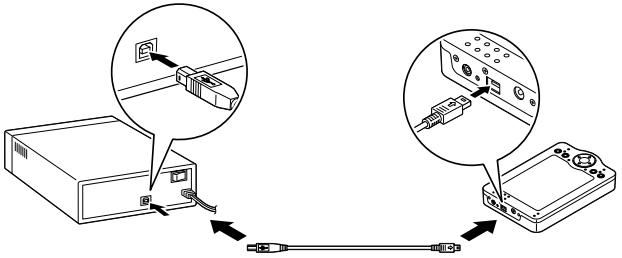
Note:
Check the Video Out signal as described on page 49 to make sure it is correct for your video source (NTSC or PAL).

Connecting a CD-R/RW Drive

You can connect an external USB CD-R/RW drive to the P-1000 to archive photos on a CD-R/RW. You can also copy photos from a CD-R/RW to the P-1000 or a memory card.

Follow these steps to connect the drive to the P-1000:

1. Make sure the P-1000 and the CD-R/RW drive are turned off.
2. Connect the AC adapter to the P-1000.
3. Connect the CD-R/RW drive to the P-1000 using the Type B USB cable that came with your P-1000:



4. Turn on the CD-R/RW drive, then the P-1000.

Now you are ready to copy photos. See page 32 for instructions.

Chapter 2

Viewing and Managing Images

This chapter describes how to view, copy, delete, and manage your images.

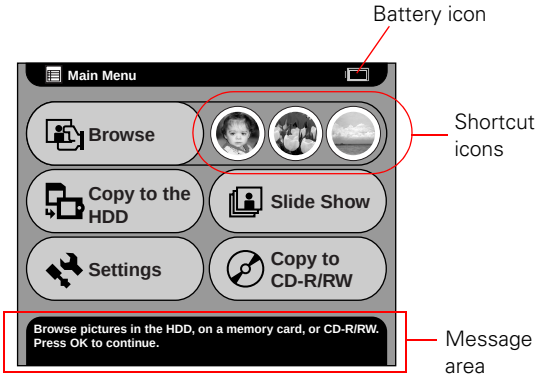
Note:
Progressive JPEG format files, non-JPEG images, some black and white or CMYK images, video files, or sound files cannot be displayed or played on the P-1000. However, it is possible to copy these files to the P-1000's HDD (for temporary storage).

RAW images from some digital cameras may be supported by the P-1000. Depending on the RAW image, you may be able to copy it to the P-1000 (and from there to a memory card or computer), display it on the screen, and delete it—but you cannot perform certain operations. For example, you cannot print or rotate RAW images, include them in a slide show, or use one as an album thumbnail.

When you view images with an odd number of pixels, such as 1601 × 1201, one line of pixels on the bottom and right sides is not displayed.

Using the Main Menu

Whenever you turn on the P-1000, the Main Menu appears. All operations are started here.



The following table summarizes the Main Menu functions.

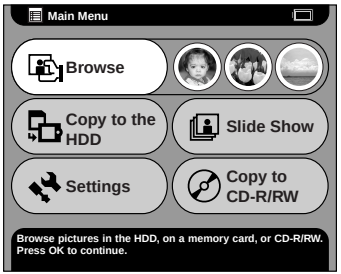
Battery icon	Indicates the charge remaining in the battery. See "Charging the Battery" on page 14 for details.
Browse	Lets you select which image(s) to display.
Shortcut icons	Let you go right to a favorite album. See "Adding an Album Shortcut" on page 44.
Copy to the HDD	Lets you copy images from a memory card to the P-1000's Album Case or Card Case. See page 29.
Slide Show	Displays the images in an Album as a slide show. See page 27.
Settings	Lets you change the P-1000's settings. See page 44.
Copy to CD-R/RW	Copies images from the P-1000 to a CD-R/RW. See page 32.
Message area	Displays messages about the current selection or operation.

If you are viewing pictures or copying or deleting files, you can return to the Main Menu by pressing the CANCEL button one or more times.

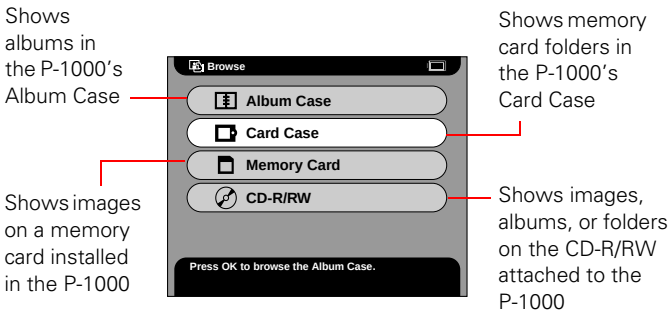
Viewing Photos

Follow these steps to view photos in thumbnail or full-screen size:

1. Turn on the power.
2. In the Main Menu, select Browse and press the OK button.



You see the Browse menu:



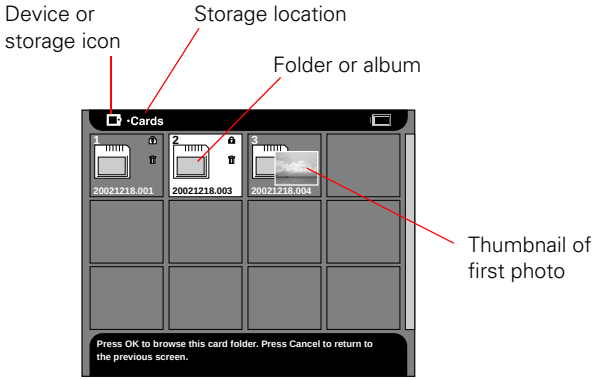
The **Album Case** contains albums you have created to organize your photos. (See page 25 for more information about albums.)

The **Card Case** contains the folders that have been copied from memory cards to the P-1000. Each time you copy a memory card, a new folder of the images is created in the Card Case.

Select **Memory Card** to display the photos on a memory card inserted in the P-1000.

Select **CD-R/RW** to see the photos on a CD-ROM in a CD-R/RW drive attached to the P-1000.

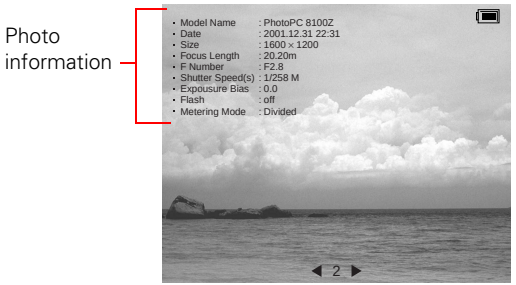
3. To display images stored on a memory card, insert the card. (See page 18 for details.) To display photos on a CD-R/RW, connect the drive as described on page 20 and insert the CD.
4. Press ▲ or ▼ on the arrow button to select the location of the images you want to view, and press the **OK** button.
5. If necessary, select a folder or album and press the **OK** button.



When you open an album or folder, you see thumbnail versions of all the photos. (The first time you view photos in an album or card case, it may take a while for the thumbnails to appear.)

Note:
Any unsupported file types are displayed with this icon: . If you prefer to hide any incompatible files, you can change the **Unsupported files setting** as described on page 47.

6 To display a photo using the full screen, use the arrow button to select it and press the OK button.



You can turn the photo information off, if you want, through the Pop-up menu (page 27) or by changing the Display mode in the Settings menu (page 47).

7 To go to the next photo in the folder or album, press the ▶ button (or press the ◀ button to display the previous photo).

If you want to return to the Main Menu, press the CANCEL button one or more times until you see it. You can also select Return to the Main Menu from the Pop-up menu, described on page 25.

Zooming an Image

Follow these steps to zoom into an image:

1 Display an image in full-screen format as described above.

2 Press the OK button to zoom in, up to 5 times. Keep pressing it until the image is the size you want.

You can use the arrow button to move to another part of the image.

3 When you're done, press the CANCEL button to return the image to its original, full-screen size.

Displaying Images on Your Computer Monitor

You can connect your P-1000 to a computer to display its photos on the monitor screen. First connect the computer to the P-1000 as described on page 19. The P-1000 screen goes dark and the activity light flashes blue. Then select the image you want to display. You can select any image in a folder on the Card Case or in an album using your photo software, Windows® Explorer, Macintosh® Finder,™ or other application. (You cannot display photos on a memory card.)

Note:
Do not change the name of the Album Case ("Albums"), card case ("Cards") folders, or any folders inside these two folders.

Managing Photos in Albums

You can group your favorite images in an album which is stored in the P-1000's Album case. An album named Favorites already exists as a default. You can add photos to this album and other albums as you like.

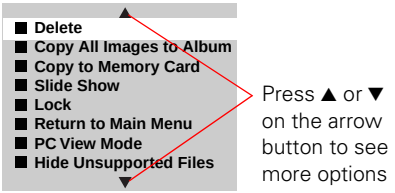
You can also create up to three album shortcuts on the Main Menu to access your favorite albums quickly. For details, see "Adding an Album Shortcut" on page 44.

Note:
You can also copy an album to the CD-R/RW. For details, see "Copying Photos Between a CD-R/RW and the P-1000" on page 32.

Using the Pop-up Menu

While you are looking at your photos, you can press the MENU button to display a Pop-up menu which lets you access a variety of functions.

For example, if you are looking at a folder on a memory card, and you press the MENU button, you see this Pop-up menu:



The following table summarizes the Pop-up menu options (which are described throughout this book). The options available depend on what you are doing when you press the MENU button.

Delete	Delete the selected image or folder. Then select **Yes** in the dialog box to confirm the deletion. (This option does not appear when you select photos on a CD-R/RW.)
Rotate	Rotate the selected image in an album 90° clockwise. (Album photos only.) Locked images cannot be rotated.
Copy to Album	Copy the selected image to an album.
Copy All Images to Album	Copy all selected images to an album.
Copy to Memory Card	Copy the selected image or card folder to a memory card.
Copy to HDD	Copy the selected album or card folder on the CD-R/RW to the P-1000's Card Case or Album Case.
Slide Show	Display the images in the selected album or card folder as a slide show.
Lock/Unlock	Lock or unlock the selected image or folder. When the item is locked, the icon is displayed and the image cannot be deleted or rotated. Note that the images inside the folder can be deleted even if the folder is locked. Also, you cannot add images to a locked album and the locked album is not displayed.
Increase Number of Copies	Increase the number of copies to be printed for the selected photo by one. The current number of copies for the photo appears on the thumbnail. You need to open the Pop-up menu and select this option for each additional copy. You can print up to 99 copies.
Decrease Number of Copies	Decrease the number of copies to be printed for the selected photo by one.
Increase Number of Copies for All	Increase the number of copies to be printed by one for all the images displayed. This option is available in the Select Photos screen. (You can select up to 99 copies.)
Reset Number of Copies for All	Reset the number of copies to 0 for all the images displayed. This option is available in the Select Photos screen.

Information ON/OFF	Turn the information that is displayed with the photo on or off. Information about the image and the battery status icon is hidden when this option is set to **OFF**.
Return to Main Menu	Close the Pop-up menu and return to the Main Menu.
PC/DSC View Mode	Change the view mode when you are looking at the card folder contents. When **PC mode** is selected, all images and folders are displayed in the current folder. When **DSC mode** is selected, only the images in the correct folder are displayed. The default setting is DSC mode. The view mode of an album folder is always PC mode. (See "Memory card or card folder view mode" on page 46.)
Show/Hide Unsupported Files	Display or hide unsupported file types.
Change Album Name	Change the selected album's name to one in the displayed list. When you select a name that already exists, a number is added to the end of the new album's name.
Set as the Album (or Card) Thumbnail	Use the selected image as an album or card folder's icon. (You cannot use an album that has been copied to the P-1000 from another source such as a computer.)
Select to Copy/Undo Copy Command	Mark the selected album or folder to be copied—or cancel the copy indicator. Any copy marks are cleared when you select a different folder.
Select to Delete/ Undo Delete Command	Mark the selected album or folder for deletion (a trash can icon appears on it)—or remove the deletion marks.

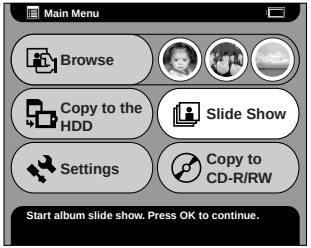
Running a Slide Show

To see a slide show of photos in the Card Case, on a memory card, or in an album, follow these steps:

1. Select the folder you want.
2. Press the **MENU** button to display the Pop-up menu.
3. Select **Slide Show** and press the **OK** button. The slide show starts and continues until all the photos have been displayed or you press the **CANCEL** button.

Here is another way to run a slide show of one of your albums:

1 In the Main Menu, select Slide Show and press the OK button.



2 Select the album you want and press the OK button to start the slide show. It continues until you press the CANCEL button.

Note:
You can change the length of time each image is displayed on the screen or turn the fade effect on or off. See "Setting the Slide Show Options" on page 47.

Locking an Image, Album, or Folder

You can lock an image, album, or folder to prevent it from being altered or deleted. Follow these steps:

1 Select the image, album, or folder you want to lock.

2 Press the MENU button to display the Pop-up menu.

3 Select Lock and press the OK button. The picture, album, or folder is locked and you see the lock icon.

Note:
Although you cannot delete a locked album or folder, you can delete individual photos inside the album or folder.

Unlocking an Image, Album, or Folder

If you want to unlock an image, album, or folder, first select it. Then press the MENU button to display the Pop-up menu, select Unlock, and press the OK button. The lock icon disappears.

Rotating an Image

If you want to rotate an image, follow these steps:

1. Select the image.
2. Press the MENU button to display the Pop-up menu.
3. Select Rotate and press the OK button. The picture is rotated 90° to the right.

Note:
If the image is locked, you cannot rotate it; this option will not appear in the Pop-up menu. Unlock it first, as described on page 28.

Copying Photos

The P-1000 offers great flexibility for copying photos. You can copy images:

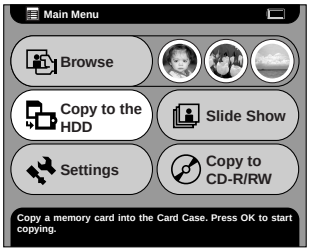
- From a memory card to the P-1000's Card Case or Album Case
- From the P-1000 to a memory card
- From the P-1000 to your computer and vice versa
- From the P-1000 to a CD-R/RW and vice versa
- From the P-1000's Card Case, a memory card, or a CD-R/RW to an album

Copying Photos From a Memory Card to the P-1000

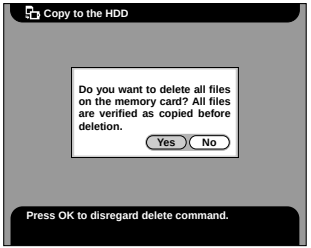
When you copy a memory card to the P-1000, all the photos on the card are copied to a folder in the P-1000's Card Case. Alternatively, you can select to copy the files to an album in the Album Case.

Note:
If the battery is low when you try to copy files, they may not be copied correctly. Use the AC adapter if this happens.

1. Insert the memory card.
2. In the Main Menu, select Copy to the HDD and press the OK button.

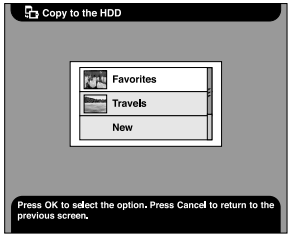


If you see the message below, select Yes to automatically delete the files from the memory card after copying or No to leave them.



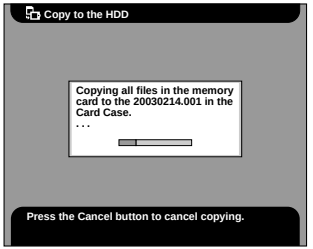
Note:
You can select whether to display this confirmation message before copying by changing the Copy Mode settings. See page 45 for more information.

3 If you see the screen below, select the album in which you want to store the copied photos. Then press the OK button.



Note:
You can select whether to display this Album menu when copying or to automatically copy photos to an album. See "Changing the Copy Mode Settings" on page 45 for details.

Copying starts and you see this message:



The copied images are stored in a card folder in the Card Case (and in an album if you selected one). The card folder is named according to the date you copied it to the P-1000. For example, in the folder name 20040325.001, 2004 is the year, March 25 is the day, and .001 means this is the first folder copied on this day. If you copy memory card photos several times on one day, you'll know which was the first, second, and so on.

After the files are copied, you see thumbnails of the photos. If you want to look at them, select one, press the OK button to enlarge it, and then press ◀ or ▶ on the arrow button to scroll through the photos.

4 Press the CANCEL button to return to the Main Menu.

Copying Photos From the P-1000 to a Memory Card

You can copy individual photos or complete folders from your P-1000 to a memory card. Although you cannot copy an album this way, you can copy individual photos from an album.

If you will be copying individual photos, it's okay if the memory card already contains photos—as long as there is enough space to hold the new ones you will copy. If you are copying one or more folders, the memory card must be empty.

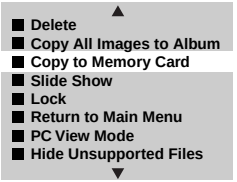
Follow these steps:

1 Insert a memory card in the P-1000. If you will be copying folders, the card must be empty.

2 Select a folder in the Card Case or a single image that you want to copy.

Note:
You cannot select an album, but you can select individual pictures in an album.

3 Press the MENU button to display the Pop-up menu:



4 Select Copy to Memory Card. Then press the OK button. The photos are copied to the memory card.

Copying Photos Between a Computer and the P-1000

If you have connected a computer to your P-1000, you can copy photos from one device to the other. Follow these steps:

1 Connect the computer to your P-1000 as described on page 19. The LCD is turned off.

2 Use your photo software (such as Film Factory), Windows Explorer, Macintosh Finder, or other application to select the images you want to copy and drag them to the desired location.

If you are copying to the P-1000, you can select individual images and copy them to an existing Album or Card Case on the P-1000. Do not change the name of the Album Case ("Albums"), Card Case ("Cards") folders, or any folders inside these two folders.

3 When you finish, close the application and/or click the USB device icon on your screen (or drag it to the trash icon) to stop the device. Then you can safely disconnect the USB cable from your computer.

You see the Main Menu again.

Note:
In Windows 98, if you remove the cable from the computer without closing your program and turning off the P-1000, you may see a blue screen. To avoid this, turn the P-1000 off before removing the cable.

Copying Photos Between a CD-R/RW and the P-1000

CD-ROMs provide a great way to efficiently archive your photos. If you have an external CD-R/RW drive, you can copy photos from the P-1000 to a CD-R/RW, and copy photos from the CD to an Album Case, Card Case, or a memory card.

Copying Photos to a CD

Follow these steps to copy files to a CD-R/RW:

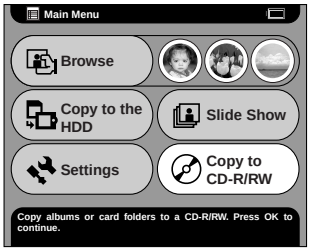
1 Connect the CD-R/RW drive to the P-1000 as described on page 20. Be sure to connect the AC adapter.

2 Turn on the CD-R/RW drive, then the P-1000.

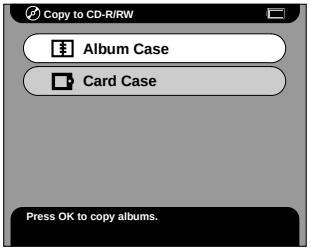
3 Insert a blank CD-R/RW in the drive.

Note:
If you have already copied to a CD-R/RW from the P-1000, you can add more files to it. However, if the CD contains photos copied from another device (such as a computer), you cannot copy to it from the P-1000.

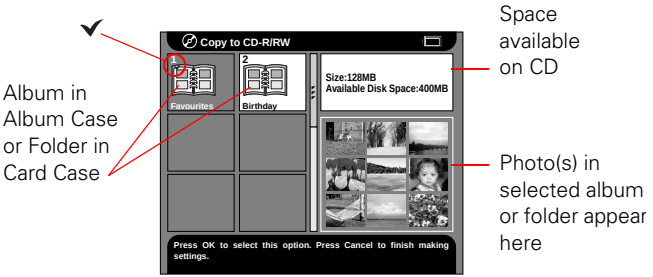
4 In the Main Menu, select Copy to CD-R/RW and press the OK button.



5 In the Copy to CD-R/RW screen, select the location where the photos you want to copy are stored (Album Case or Card Case), and press the OK button.



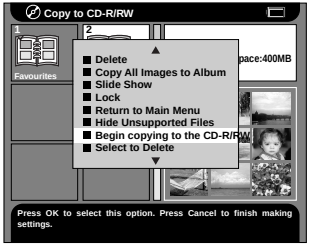
6 Select a folder or album to archive, and press the OK button. A red ✔ icon appears on the selected folder or album:



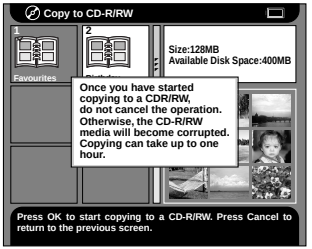
Note:
If you want to cancel the check mark, select it and press the OK button again.

7 Select any other folders or albums you want to copy.

8 Press the MENU button to display the Pop-up menu and select Begin copying to the CD-R/RW.



You see this message:



9 Press the OK button to start copying to the CD-R/RW drive.

Depending on the number of photos you are copying and the size of the files, copying can take a while—up to one hour for a large amount of data. While the photos are being copied, the LCD is turned off and the activity light flashes blue.

10 When all the files are copied, you see the message Copying is complete. Press the OK button to return to the Main Menu.

Copying Photos From a CD to the P-1000

Follow these steps to copy photos from a CD-R/RW to the P-1000's Card Case or Album Case, or to a memory card:

1 Select Browse from the Main Menu and select CD-R/RW.

2 To copy a folder (or album) on the CD to the P-1000's Card Case, select the folder and press the MENU button to display the Pop-up menu. Then select Copy to HDD.

To copy single images or a folder on the CD to a memory card, select the first image and press the MENU button to display the Pop-up menu. Then select Copy to Memory Card.

To select multiple images and then copy them all at once choose the Select to Copy option and press OK for each one, and then select Copy to Memory Card.

To copy single images or a folder on the CD to an album, follow the instructions in the next section.

3 When you're ready, press OK to copy the files.

Copying Photos to an Album

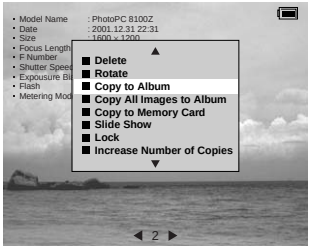
You may want to copy photos in the P-1000's Card Case, a memory card, or a CD-R/RW to an album in the P-1000's Album Case. Follow the steps in this section to copy individual photos or complete folders to an album.

Copying a Single Photo

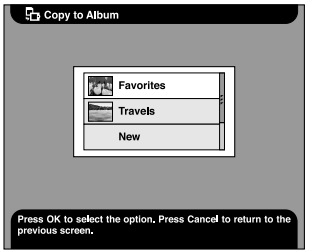
Follow these steps to copy a single photo to an album:

1 Display the photo in the Card Case, on a memory card, or a CD-R/RW that you want to copy to an album.

2 Press the MENU button to display the Pop-up menu.

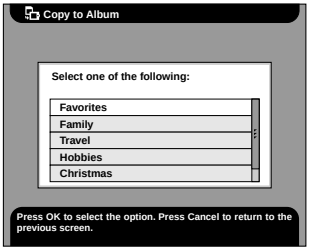


3 Select Copy to Album and press the OK button. You see this screen:



Only three albums are displayed at a time, so press ▼ on the arrow button to scroll down to see more.

If you want to create a new album select New from the list, and press the OK button. You see this screen:



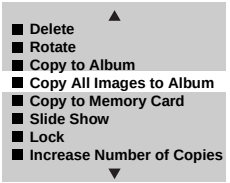
4 Select an album name from the list (you can scroll down to see more), and press the OK button. After you press OK, the photo is copied.

Note:
If you select an album name that is already being used, a number is added to the end of the new album's name; for example, Family2. (You cannot create your own name on the P-1000.)

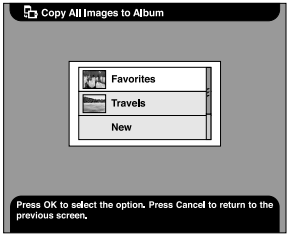
Copying a Folder

Follow these steps to copy all the photos in a folder in the Card Case, on a memory card, or on a CD-R/RW to an album:

1. Open the folder you want to copy to the album. (You must open the folder before you can copy its photos.)
2. Press the MENU button to display the Pop-up menu:
3. Select Copy All Images to Album and press the OK button.



You see this screen:



4. Select the album where you want to store the photos, and press the OK button. (To create a new album, follow steps 3 and 4 in the previous section.)

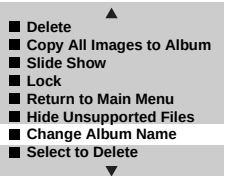
The photos are copied to the album. It may take a few moments to copy all of them.

Changing an Album's Name

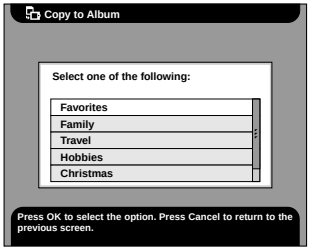
If you want to change the name of an album, follow these steps:

1. Select the album in the Album Case.

2. Press the MENU button to display the Pop-up menu:



3 Select Change Album Name and press the OK button. You see this screen:



4 Select the new name from the list, and press the OK button.

Note:
If you select an album name that is already being used, a number is added to the new album's name, such as Favorites2. (You cannot create your own name on the P-1000.)

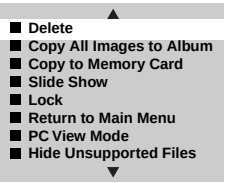
Deleting Photos

There are several ways to delete a photo, folder, or album. The easiest way is to select the item and then hold down the MENU button for several seconds. When you see the message "Are you sure you want to delete the files?", select Yes to delete or No to cancel.

You can also delete an individual photo or a folder as follows:

1 Select an image, folder, or album to delete.

2 Press the MENU button to display the Pop-up menu:



3 Select Delete and press the OK button.

Note:
If the selected picture, folder, or album is locked, you cannot delete it. (See page 26 to unlock it.) However, if you are deleting a folder or album that is not locked but contains one or more locked photos, the folder will be deleted.

4 If you see a message asking if you want to delete the file(s), select Yes to delete or No to cancel. Then press OK.

Note:
You can select whether to display this confirmation message. See "Changing the Copy Mode Settings" on page 45.

Marking Photos, Folders, or Albums for Deletion

If you want to delete several photos, folders, or albums, you can mark them for deletion and then delete them all at once. Follow these steps:

1. Select the first photo, folder, or album you want to delete.
2. Press the MENU button to display the Pop-up menu.
3. Use the arrow button to choose Select to Delete and press OK. A trash can icon appears in the thumbnail for the image, folder, or album.
4. Repeat step 3 for any other items you want to delete.

   If you change your mind about one of the marked items, select it again, press the MENU button to display the Pop-up menu, and choose the Undo Delete command.
5. When you finish marking the items you want to delete, press the MENU button to display the Pop-up menu and select Delete.

   You see the message Are you sure you want to delete the files?
6. Select Yes to delete them or No to cancel and press the OK button.

Chapter 3
Direct Printing

You can print your photos directly on any of the following EPSON Stylus Photo printers without connecting a computer:

- Stylus Photo 820
- Stylus Photo 900
- Stylus Photo 1280
- Stylus Photo 2200

More printers may be supported; check the EPSON web site to get the latest printer driver information: http://support.epson.com.

The P-1000 comes with two USB cables; choose the one that is correct for your printer.

You can use the following sizes and types of paper.

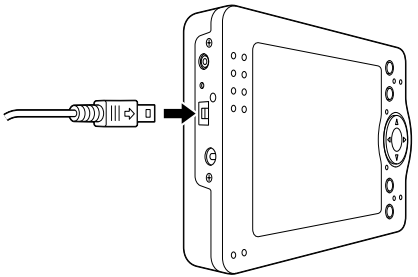
Paper	Size
Premium Glossy Photo Paper	4 × 6 in., 10 × 15 cm, 5 × 7 in., Letter, A4
Premium Semigloss Photo Paper	

Note:
For details about paper, see your printer documentation.

Connecting the P-1000 to a Printer

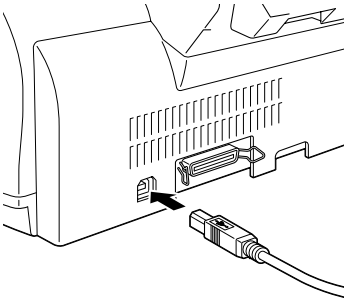
Follow these steps to connect the P-1000 to your printer:

1. Make sure the P-1000 and the printer are turned off.
2. Connect the small end of the USB cable to the P-1000.



Note:
Use the appropriate cable for your printer.

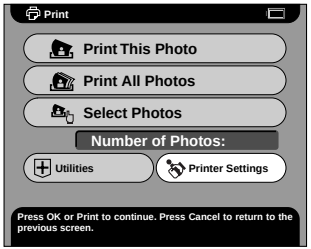
3. Connect the other end of the cable to the printer.



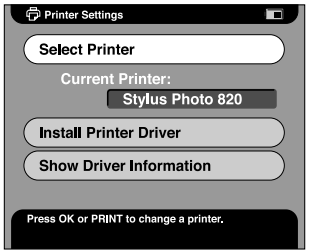
Selecting the Correct Printer Driver

The first time you print, you need to select the correct printer driver. Follow these steps:

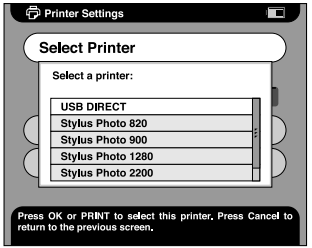
1 Press the PRINT button. You see the Print screen:



2 Select Printer Settings and press the OK button. The Printer Settings screen appears:



3 Make sure Select Printer is highlighted and press the OK button. You see the Select Printer screen:



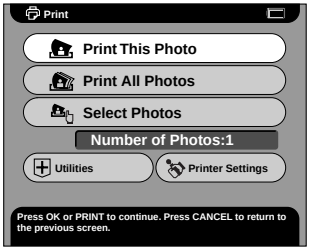
4 Select your printer from the list (use the arrow button to scroll down if necessary) and press the OK button.

Note:
If you don't see your printer listed, you may need to update the firmware with the latest version. For more information, see "Updating the Firmware and Printer Driver" on page 58.

5 Press CANCEL twice to close the Print Menu.

Printing Your Photos

1. Make sure the printer is connected and paper is loaded.
2. Connect the AC adapter to the P-1000 before you print.
3. To print a single photo, select the image. If you want to print multiple images in a folder or album, just open the folder or album.
4. Press the PRINT button. You see the Print menu:

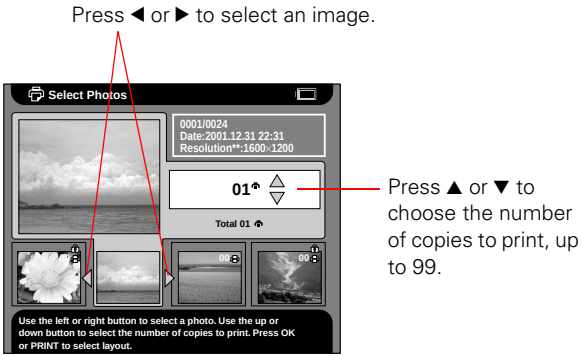


Note:
If a printer is not selected, the Printer Settings screen appears. Select your printer from the list.

5. To print only the selected image, choose Print This Photo.

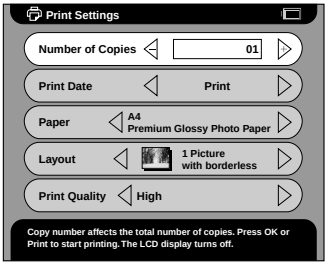
   To print all the images in the selected folder or album, select Print All Photos.

To add images to be printed and select the number of copies, choose Select Photos. You see this screen:



Select the images you want to print and the number of copies for each one.

6. Press the OK button. You see the Print Settings menu:



7 Press ◀ or ▶ on the arrow button to choose the settings you want:

Number of Copies	Select the number of copies, up to 99, you want printed of the selected photo(s).
Print Date	Set whether to print the date the photo was taken—if the image includes date information—or the date the file was created.
Paper	Scroll through the list of paper types and sizes and choose the one that is loaded in the printer.
Layout	Choose Border or Borderless printing. If you selected all the photos, you'll want to select how many per page. For A4 size, choose 3, 4, 8, or 20; for Letter size, choose 3, 4, 9, or 20.
Print Quality	Select High or Super High (or Normal or Normal High) speed.

8 Press the PRINT or the OK button when you are ready to start printing.

During printing, the LCD is turned off.

Chapter 4
Customizing Settings

You can easily change the P-1000's settings to make it work best for you. Select Settings in the Main Menu and press the OK button. You see this menu:

Each of these options is described in this chapter. Select the one you want to change and press the OK button.

Adding an Album Shortcut

You can select three album shortcuts to appear on the Main Menu, which let you go straight to your favorite albums.

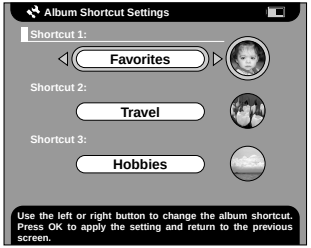
Follow these steps:

1. First select the photo to use as the album thumbnail picture. To do this, open the album you want the shortcut for and select a photo to be the thumbnail.

   Note:
   You cannot select an album that was not created on the P-1000. For example, you cannot choose one you copied from your computer.

2. Press the MENU button to display the Pop-up menu.
3. Select Set as the Album Thumbnail and press the OK button.
4. Press CANCEL until you see the Main Menu.

5 Select Settings from the Main Menu, and then Album Shortcut. You see this screen:



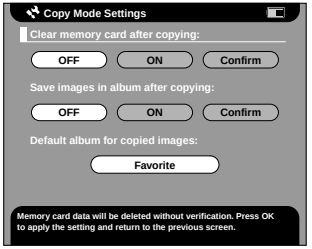
6 Press ▼ or ▲ on the arrow button to select Shortcut 1, 2, or 3. Then press ◀ or ▶ to scroll through the albums to find the one you want for that shortcut. Do this for each shortcut you want to create.

7 Press OK then CANCEL.

The new shortcut(s) appear in the Main Menu.

Changing the Copy Mode Settings

This option lets you tell the P-1000 how to handle images on a memory card during and after copying.



Clear memory card after copying

Select OFF if you do not want files on the memory card to be deleted after they have been copied to the P-1000.

Select ON if you want photos on the memory card to be automatically deleted, without a warning message, after you copy them to the P-1000.

Select Confirm if you want the P-1000 to ask before copying whether to delete the photos from the memory card after copying.

Save images in album after copying

Turn this setting ON if you want images from a memory card to be stored in the default album on the P-1000 automatically when you copy them from a memory card. You can choose which album is the default; see the next section.

Note:
The images are also copied to the Card Case.

Select Off if you do not want them copied to an album.

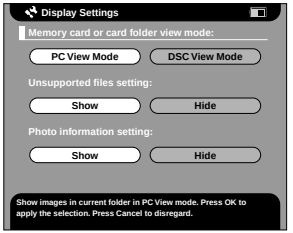
Select Confirm if you want the P-1000 to ask before copying which album to store the photos in.

Default album for copied images

Press ◀ or ▶ on the arrow button to select the default album where you want to store memory card images when the Save images in album after copying setting is set to ON.

Changing the Display Settings

Select Display and press OK to change the way your photos are displayed. You see this menu:



Memory card or card folder view mode

This option determines how photos on a memory card and in the P-1000's card case are displayed. Select PC mode to show the hierarchy of folders and subfolders. In this mode, you'll need to open a folder to see the pictures it contains.

Select DSC mode to show all the images in the current folder (including images in subfolders) at the same time without opening (or showing) any folders.

Note:
You can also change the mode while looking at a folder or photo through the Pop-up menu. See "PC/DSC View Mode" on page 27 for more information. Albums are always displayed in PC view mode.

Unsupported files setting

Select **Show** if you want to see all files and folders, including non-compatible file types. Select **Hide** to show only compatible photo files and folders.

Note:
You can also choose whether to show unsupported files using the Pop-up menu. See page 27.

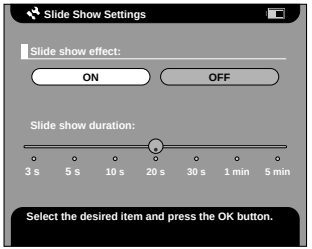
Photo information setting

Set whether to display the photo information when an image is displayed in full-screen format.

Note:
You can also turn the photo information on and off for individual photos using the Pop-up menu. See page 27.

Setting the Slide Show Options

Select **Slide Show** to change the settings for running a slide show. You see this menu:



Slide show effect

Select **ON** for this option to fade from one photo to the next. Select **OFF** if you do not want this effect.

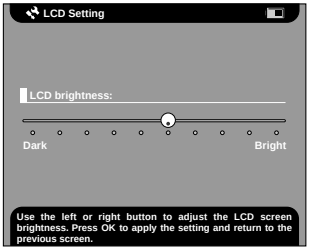
Note:
When this setting is **ON**, the slide show duration setting is invalid.

Slide show duration

If **Slide show effect** is turned off, you can set the length of time you want each image to remain on the screen before switching to the next. Press ◀ or ▶ on the arrow button to move the slidebar, choosing an interval from 3 seconds to 5 minutes. The default setting is 10 seconds.

Adjusting the LCD Brightness

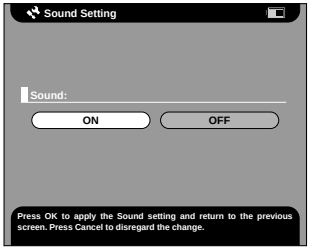
Select LCD to adjust the brightness of the screen.



Press ◀ or ▶ on the arrow button to select the brightness level.

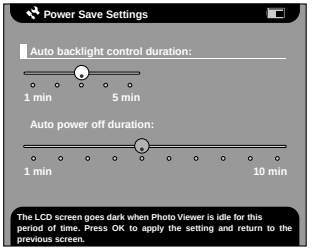
Turning the Sound On or Off

Select Sound to turn on or off the beeping sound the P-1000 makes when performing certain operations.



Setting the Power Save Options

The Power Save options conserve battery power by turning off the screen backlight and turning off the power after a set interval of inactivity. Select Power Save to change the time-out periods. You see this menu:



Auto backlight control duration

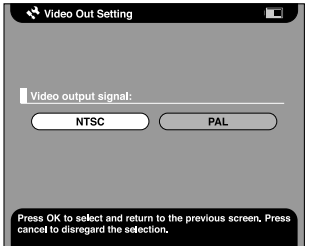
This option determines the length of time after which the LCD's backlight is turned off if there is no activity. Press ◀ or ▶ on the arrow button to move the slidebar from 1 minute to 5 minutes. The default setting is 3 minutes.

Auto power off duration

Press ◀ or ▶ on the arrow button to select the number of minutes (from 1 to 10) before the power is shut off automatically if there is no activity. The default setting is 5 minutes.

Selecting the Video Out Signal

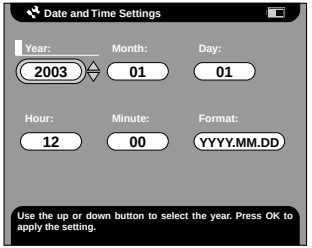
If you have connected an external monitor (as described on page 19), you may need to change the video output signal method. When you select Video Out, you see this screen:



Choose NTSC or PAL. (Televisions sold for the North American market are NTSC.) If you change the setting while a device is connected, disconnect and reconnect the Video cable.

Setting the Date and Time

Select Date and Time to change these settings:



Press ▲ or ▼ on the arrow button to change the value for the selected item (such as the year).

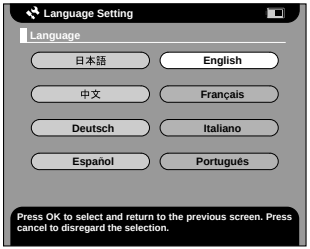
To go to the next option (Month or Day, for example) press ◀ or ▶. Then press ▲ or ▼ to change that setting.

After you finish making all settings, press the OK button.

Note:
If you remove the P-1000's battery, the date and time settings will be erased after about two days; so you'll need to check and possibly change the settings. You'll also need to check the date and time after changing the battery to make sure they are set correctly.

Choosing the Language

Choose a language from among eight languages:



Chapter 5

Maintenance and Troubleshooting

This chapter describes how to clean the P-1000, use the printer utilities, and solve problems.

Cleaning the P-1000

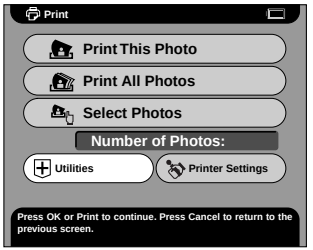
Follow these guidelines when cleaning the P-1000:

- Turn the P-1000 off before cleaning.
- Use a clean, dry cloth to wipe it clean.
- Do not use harsh or abrasive cleaners.
- If necessary, clean the battery contacts with a dry cloth.

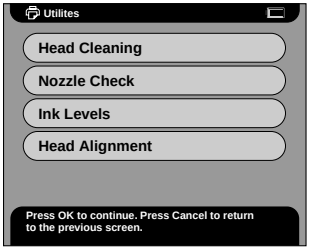
Using the Printer Utilities

You can use the Printer Utilities to check the printer's status, clean the print head, and align the print head from your P-1000.

1. Connect the printer to the P-1000 as described on page 40.
2. Press the PRINT button. You see the Print menu:



3 Select Utilities and press the OK button. You see the Utilities menu:



4 Select the option you want and follow the on-screen instructions.

Head Cleaning

Select this option to clean the printer's print head. Then you can check the condition of the print head by printing the nozzle check pattern.

Nozzle Check

Select this option to print the nozzle check pattern to check the condition of the print head. If the nozzle check pattern is not printed clearly, select Head Cleaning and clean the print head again.

Ink Levels

Select this option to check the amount of ink remaining in the ink cartridges.

Head Alignment

Select this option to adjust the bi-directional printing accuracy. (This option is not available on all supported printers.)

Troubleshooting

When a problem occurs, an error message usually appears on the LCD. Refer to the following table to diagnose an error message. For more assistance, see "Problems and Solutions" on page 56.

Error message	Description
A fatal error has occurred. Cannot continue the operation.	Turn the power off and on again. If the error message appears again, contact EPSON. (See page 59.)

Error message	Description
A fatal error has occurred. Failed to copy to the CD-R/RW.	Turn the power off and on again. If the error message appears again, confirm that the CD-R/RW and CD-R/RW drive are not malfunctioning. Reconnect the USB cable or try another CD.
A fatal error has occurred. Press any button to turn off power.	Turn the power off by pressing any button and then turn it on again. If the error appears again, contact EPSON. (See page 59.)
A file access error has occurred. Do not eject the memory card while it is being accessed.	Wait until the ACCESS light turns off; then reinsert the memory card and try again.
An unusually high temperature was detected. Photo Viewer will turn off soon.	The P-1000 is too hot. Let it cool off before turning it on again.
A printer error has occurred.	Check your printer and clear the error.
Battery power is low. Connect the AC adapter to ensure proper operation.	Connect the AC adapter to complete the operation and then charge the battery.

Error message	Description
Cannot continue deleting files because an error has occurred. Some files have been deleted but others have not. Go to next step.	Some files cannot be deleted or the memory card may be write-protected. Check the memory card and try again.
Cannot find any card folders. It seems that nothing has been copied yet.	There is no card folder in the specified location. Make sure the card folder exists and try again.
Cannot find the Album Case. It may be renamed or deleted.	There is no Album Case in the specified location. Make sure the Album Case exists and try again.
Cannot find the album. It may be renamed or deleted.	There is no album assigned to the album shortcut or in the specified location. Make sure the album exists and try again.
Cannot find the card case. It may be renamed or deleted.	There is no card case in the specified location. Make sure the card case exists and try again.
Failed to save the result. Cancel the operation and return to the previous screen.	Select to Copy could not be executed correctly. Try again.

Error message	Description
An error occurred while accessing the HDD. Please try printing again.	Printing was not successful. Try to print the data again.
HDD access error has occurred. Failed to copy to the CD-R/RW.	An error occurred while writing to the CD-R/RW and the data was not copied. Try to copy the data again.
Memory card must be empty to copy back a card folder.	The memory card contains data; it must be empty before you can copy a folder to it.
Parts inside the printer require adjustment. Please refer to the printer's documentation.	Some part of the printer needs to be replaced or adjusted. See your printer manual.
Please check the ink cartridges.	The ink cartridges have run out or have been installed incorrectly. Check your printer and replace or install the cartridges correctly.
Please install the ink cartridges.	Ink cartridges have not been installed in your printer. See your printer manual and install the ink cartridges.

Error message	Description
Printer does not match the printer driver. Please check the printer driver setting.	Select the correct printer driver. See page 41.
Printer driver cannot be found. Reinstall the printer driver.	Make sure the printer driver is stored in the root folder of the HDD or the memory card. (See the instructions that came with the firmware/printer upgrade.)
Printer Error: paper jam. Clear the paper jam and continue printing.	Remove the jammed paper from the printer.
Printer Error: paper out. Please load paper.	Load paper in the printer.
Some errors occurred while copying. Any data on the memory card will not be deleted.	Some files to be copied or deleted from the memory card were skipped. The files may be damaged. Check the memory card and copy any missing files.
Some errors occurred while copying. Copying was canceled.	Some files were skipped. The memory card may be write-protected. Check the memory card and try again.

Error message	Description
Some errors occurred while deleting files. The operation was canceled.	Some files were skipped. The memory card may be write-protected. Check the memory card and try again.
The media is not available. Please insert a blank CD-R/RW.	The CD-R/RW inserted in the drive is full. Insert a blank CD-R/RW and try the operation again.
The memory card is smaller than the card folder. Please insert a memory card larger than *xx* MB and try again.	All the selected images or folders cannot be copied because the total size is too large. Insert a larger memory card or reduce the number of images.
There are some invalid images which cannot be printed.	The image data may be damaged. Check the image(s) in your album and delete any corrupted ones. Then try to print again. You can also copy the images to a computer and print from there.
There is no response from the printer.	Make sure the USB cable is connected correctly. Check your printer.

Error message	Description
The selected paper size cannot be used with the connected printer. Select a paper size that is compatible with the printer.	Select a compatible paper size. See page 39.
The storage capacity of the HDD is less than what is needed for the files you are copying. Copying was canceled.	All the selected images or folders cannot be copied because the total size is too large. Delete unnecessary images on the HDD or reduce the number of images to copy.
The storage capacity of the HDD is less than what is needed for the files you are copying. Copying was suspended.	All the selected images or folders cannot be copied because the total size is too large. Delete unnecessary images on the HDD or reduce the number of images to copy.
This image cannot be displayed.	The selected photo cannot be displayed because the file type is not supported.
This item cannot be deleted because it is locked.	Unlock the image, folder, or album and then delete it. (See page 28 and page 37.)

Error message	Description
This operation is not applicable for this printer.	The printer or selected option may not be supported. See page 39 for details.
This printer's head alignment function is not supported.	This printer does not support the Head Alignment function.
You must set the date and time to ensure correct operation. Please make the Date and Time settings.	Set the correct date and time. (See page 49.)

Problems and Solutions

Use the information in this section to diagnose problems and find solutions.

Power Problems

The power does not turn on.

Cause	What to do
The P-1000 is booting up.	Wait a few seconds after turning on the power to see if it comes on.
The battery has run out.	When the ▭ icon appears on the top right corner of the LCD, the battery has run out. See "Charging the Battery" on page 14 and charge the battery.
The battery is not installed correctly.	Make sure that the battery is installed correctly. See "Installing the Battery" on page 12.

Operation is locked.	
Cause	**What to do**
An error has occurred.	Press the RESET button. See page 58.

Image Display Problems

The image is not displayed.	
Cause	**What to do**
The image format is not supported.	Make sure the image is a supported file type (JPEG).
The image data is corrupted.	Copy the image again.
The LCD is too dark.	Adjust the LCD brightness as described on page 48.
The battery is not installed correctly.	Make sure the battery is installed correctly. See page 12.
The USB cable is connected to the P-1000.	No image is displayed on the LCD when a USB cable is connected or during certain operations.

Image Operation Problems

Cannot copy.	
Cause	**What to do**
The space available on the HDD is not sufficient to copy all of the data in the memory card.	Delete unnecessary images in the P-1000's HDD or reduce the number of images to copy from the memory card.
Trying to copy images to a CD-R/RW that is full.	You cannot copy images to a full CD-R/RW. Use another one.
The image data may be damaged.	Try to copy a different image.

Cannot delete.	
Cause	**What to do**
The image is locked.	Unlock the image and then delete it. (See page 28 and page 37.)
Trying to delete images in a CD-R/RW.	You cannot delete images on a CD-R/RW.

Cannot store images to the CD-R/RW.	
Cause	**What to do**
Trying to copy images to a CD-R/RW that is full.	Use another CD-R/RW.
The total size of the images is larger than the space available on the CD-R/RW.	Use another CD-R/RW.

Printing Problems

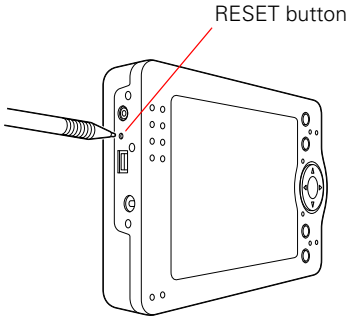
Cannot print.	
Cause	**What to do**
The printer is not supported.	See page 39 to make sure your printer is supported. Then select your printer in the Printer Settings screen (page 41). You may need to update the printer driver. See the next section for more information.
The printer's power is off.	Turn on the printer.
The USB cable is not connected correctly.	See "Connecting the P-1000 to a Printer" on page 40 and reconnect the P-1000 to the printer.

Updating the Firmware and Printer Driver

EPSON will occasionally update the P-1000 firmware and add support for additional printers. You can download the latest version from EPSON's Support web site: http://support.epson.com. Instructions for updating the firmware in your P-1000 will be included with the download information.

Resetting the P-1000

If the P-1000 locks up (stops working) or you want to restore the default values, you can reset it. Press the RESET button with a thin object.



The P-1000 shuts off, resets its default values and comes back on.

Where to Get Help

EPSON provides technical assistance 24 hours a day through the electronic support services and automated telephone services listed below.

Service	Access
World Wide Web	From the Internet, you can reach EPSON Support at **http://support.epson.com**. At this site, you can download drivers and other files, look at product documentation, access troubleshooting information, and receive technical advice through e-mail.
Automated Telephone Services	A variety of automated help services are available 24 hours a day, seven days a week. To use these services, you must have a touch tone telephone and call **(800) 922-8911**.

To speak to a technical support representative, dial:

- U.S.: **(562) 276-4365**, 6 AM to 6 PM, Pacific Time, Monday through Friday.
- Canada: **(905) 709-3839**, 6 AM to 6 PM, Pacific Time, Monday through Friday.

Toll or long distance charges may apply.

Before you call, please have the following information ready:

- Product name (EPSON P-1000)
- Product serial number (located on the bottom edge of the P-1000)
- Proof of purchase (such as a store receipt) and date of purchase
- Description of the problem

You can purchase ink cartridges, paper, manuals, and accessories from EPSON at (800) 873-7766, or visit the EPSON Store[SM] at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Appendix A

Notices

Safety Instructions

Read all these instructions before using the EPSON P-1000, and keep this guide handy for later reference. Follow all warnings and instructions marked on the P-1000 and any options.

When Using the P-1000

- Follow all warnings and instructions marked on this product.
- Do not insert objects into the slots or openings on this product.
- Do not touch the components inside this product unless instructed to do so in the documentation. Never force this product's components into place. Although this product is designed to be sturdy, rough handling can damage it.
- Never spill liquid onto this product.
- If this product emits unusual noises, odors, or smoke, cancel the current operation and turn it off immediately. Disconnect the AC adapter from the product, then unplug the AC adapter from the power outlet. Contact EPSON.
- To prevent fire or electric shock, do not cover this product with a blanket or other covering that may give off a static electric shock.
- To prevent fire or electric shock, do not expose this product or its options to rain or moisture.
- To prevent fire or explosion, do not use this product where flammable or volatile gas is stored.
- Do not use this product outdoors during a thunderstorm.
- Do not use this product after moving it between extreme temperatures, which may cause condensation to form on electronic parts.

When Using the Battery

- If battery acid gets into your eyes or on your skin, immediately rinse the affected area thoroughly with water and seek medical treatment. If a battery is swallowed, seek medical treatment immediately.
- Use only an EPSON Lithium-ion battery for the P-1000 according to the instructions in this manual.
- Do not use the battery that comes with this product for other devices.
- To protect against short-circuiting, do not remove the outside sleeves of the battery.
- Do not handle the battery with wet hands or use it near water.
- Do not expose the battery to water or high humidity.
- Do not drop, puncture, disassemble, mutilate, or short-circuit the battery.
- Do not place the battery near or into fire or water.
- Do not use batteries that are leaking or damaged in any way.
- Do not charge the battery on devices except this product.
- Do not charge the battery near open flame or in very hot locations.
- Keep batteries away from heat sources.
- Do not insert objects into any openings as they may touch dangerous voltage points or short-circuit components.
- Prevent the battery from coming into contact with metal objects that could short-circuit it, such as coins or keys.
- Do not insert the battery into power outlets or other power sources such as car cigarette lighter sockets.
- Do not solder wires or terminals directly to the battery.
- Do not touch battery terminals.
- Keep batteries away from open flame if they leak or smell strange.
- If overheating, discoloration, or distortion occur, remove the battery from this product and do not use it.

When Storing the Battery

- When not using this device for a long period, remove the battery from this product and store it separately.
- Do not store batteries where the temperature or humidity is very high.
- Store batteries out of children's reach.
- Discharge the battery completely before storing it for a long time.
- When not using the battery for a long time, charge the battery and then discharge it completely about once a year during storage.

When Disposing of the Battery

Before disposing of the battery, make sure you discharge it completely.

Warning:
Be sure to securely cover the end of the battery with tape to prevent combustion or explosion when disposing.

Do not dispose of batteries as ordinary refuse. Instead, dispose of them in a collection or recycle box in accordance with local laws.

For North America and Canada Users:

This mark indicates that the battery will be recycled by the RBRC. When you are ready to dispose of the battery, contact the RBRC at (800) 822-8837.

When Using the AC Adapter

- Use only the type of power source indicated on the AC adapter's label, and always supply power directly from a standard, domestic power outlet with a power cord that meets the relevant local safety standards.
- Place the AC adapter near an electrical outlet where the power cord can be easily unplugged.
- The AC adapter is designed for use and provided with this product. Do not attempt to use it with other electronic devices unless specified.
- Do not remove the AC adapter from this device during operations.
- The AC adapter included is designed for use with this product. Use of any other adapter could result in fire, electrical shock, or injury.

- Use only the power source that meets the power requirements indicated on the label attached to the product. If you are not sure of the power supply specifications in your area, contact your local power company or regulatory agency.
- Make sure the total amperage of all devices plugged into the power outlet does not exceed the power outlet's ampere rating.
- Do not use a damaged or frayed AC adapter.
- If you use an extension cord with this product, make sure the total amperage of all devices plugged into the extension cord does not exceed the cord's amperage rating.
- Never disassemble, modify, or attempt to repair the AC adapter by yourself.
- Do not use power outlets controlled by wall switches or automatic timers.
- Do not use power outlets on the same circuit as large motors or other appliances that may cause voltage fluctuations.
- Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.
- Position this product's power cord so that it will not be stepped on or run over.
- Do not place any objects on the power cord and the AC adapter.
- Keep the power cord straight at the ends and at the points where it enters the transformer.
- The power cord should be placed to avoid abrasions, cuts, fraying, crimping, kinking, and other damage.
- If you cannot insert the plug into the power outlet, contact an electrician.
- For US and Canadian users: Use the included power cord or a 6 to 10 foot UL-approved type SPT-2 or heavier type, 2 x 18 AWG cord with a 125 V 10 A plug and 125 V 7 A connector.

When Using a Memory Card

- Only memory cards designed for the product's specifications can be used. (See page 7.)
- The methods for using memory cards vary according to card type. See the documentation included with your memory card for details.
- Do not remove a memory card or turn off the product while the ACCESS light is flashing.

When Using the LCD

- The LCD panel on this product may contain a few small bright or dark spots. These are normal and do not mean that your LCD panel is damaged in any way.
- If the LCD panel on this product is damaged, contact EPSON.
- If the liquid crystal solution contained in the LCD panel on this product leaks out and gets onto your hands, wash them thoroughly with soap and water. If it gets into your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately.
- Use only a soft, dry cloth to clean the display. Do not use liquid or chemical cleaners.

When Storing, Maintaining, or Transporting the P-1000

- Do not store this product outdoors.
- Do not store this product near water.
- Do not store this product in a location subject to high temperature or humidity.
- Do not store this product in a location subject to rapid changes in temperature or humidity.
- Do not store this product in a location subject to direct sunlight or strong light sources.
- Unplug this product from the power outlet before cleaning it. Use a damp cloth for cleaning and do not use liquid or aerosol cleaners.
- Remove the battery and unplug this product and refer servicing to qualified service personnel under the following conditions: The power cord or plug is damaged; liquid has entered this product or its options; this product or its options have been dropped or the case is damaged; this product or its options do not operate normally or exhibit a distinct change in performance.

FCC Compliance Statement for United States Users

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Warning

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For Canadian users

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Declaration of Conformity

According to 47CFR, Part 2 and 15 for Class B Personal Computers and Peripherals; and/or CPU Boards and Power Supplies used with Class B Personal Computers:

We: EPSON AMERICA, INC.
Located at: MS 3-13
3840 Kilroy Airport Way
Long Beach, CA 90806
Telephone: (562) 290-5254

Declare under sole responsibility that the product identified herein, complies with 47CFR Part 2 and 15 of the FCC rules as a Class B digital device. Each product marketed is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR §2.909. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name: EPSON
Type of Product: Photo Viewer
Model: G881A

Standards and Approvals

EPSON P-1000

EMC	FCC Part 15 Subpart B Class BCSA C108.8 Class B

AC Adapter

Safety	UL60950 CSA No. 60950
EMC	FCC Part 15 Subpart B Class B CSA C108.8 Class B

Specifications

General

CPU:	TMS320DM310	
LCD:	3.8 inches, EPSON VGA TFT LCD; 640 × 480 pixels; 262,144 colors; 212 ppi	
Memory:	64MB SDRAM; 4MB flash ROM	
HDD:	1.8 inch HDD, 10GB, FAT 32 (9GB for storage, 1GB for system information and formatting)	
Dimensions and weight:	Height	3.6 inches (91.5 mm)
	Width	5.59 inches (142 mm)
	Depth	0.91 inch (23 mm)
	Weight	Approx. 11.2 oz. (317 g), including battery
Temperature:	Operating: 41 to 95 °F (5 to 35 °C) Non-operating: –4 to 140 °F (–20 to 60 °C)	
Humidity: (without condensation)	Operating: 30 to 80% Non-operating: 10 to 80%	
Memory card:	3.3V CompactFlash memory card (Type I/ Type II, including Microdrive); with adapter: SD memory card, Memory Stick, SmartMedia, MultiMedia Card, xD-Picture Card **Note:** A commercially available CF adapter is needed to use any memory cards other than CF cards.	
Power sources:	Lithium-ion battery AC adapter	

Electrical

Input voltage	DC 6 V
Rated current	Maximum 2 A
Power consumption	7.2 W (with the battery) 9.6 W (when using the AC adapter)

Interface

USB connector:	One USB (ver 1.1) interface for Host and Slave connection
Video output connector:	Composite Output (NTSC/PAL)

Battery

Type:	Rechargeable Lithium-ion battery
Model:	B6345
Size: (H × W × D)	1.4 × 2.1 × 0.3 inches (35.2 × 53 × 7 mm)
Ratings:	3.7 V, 1035mAh
Temperature:	Operating: 41 to 95 °F (5 to 35 °C) Non-operating: –4 to 140 °F (–20 to 60 °C) When storing for a long period, do not keep in high temperatures.
Humidity: (without condensation)	Operating: 30 to 80% Non-operating: 10 to 80%

AC Adapter

Model:	P261 (Model: A211H)
Input:	AC 100 - 240 V
Output:	DC 6.0 V, 2.0 A
Power consumption:	16 W

Warranty

EPSON AMERICA, INC.

What Is Covered: Epson America, Inc. ("EPSON") warrants to the first retail purchaser that the EPSON product enclosed with this limited warranty statement, if purchased and used in the United States or Canada, conforms to the manufacturer's specifications and will be free from defects in workmanship and materials for a period of one (1) year from the date of original purchase. For warranty service, you must provide proof of the date of original purchase.

What EPSON Will Do To Correct Problems: Should your EPSON product prove defective during the warranty period, please call the EPSON Connection[SM] at (562) 276-4303 for warranty repair instructions and return authorization, if required. An EPSON service technician will provide telephone diagnostic service to determine whether the unit requires service. If service is needed, EPSON will, at its option, repair or exchange the product without charge for parts or labor. If the product requires repair or replacement, it is your responsibility to package it in its original container or an equivalent, along with proof of the date of original purchase and ship it to EPSON. Packaging and shipping costs incurred in presenting your EPSON product for warranty service are your responsibility. Return shipping costs from the EPSON repair facility are EPSON's responsibility. When warranty service involves the exchange of the product or of a part, the item replaced becomes EPSON property. The replacement product or part may be new or refurbished to the EPSON standard of quality, and, at EPSON's option, may be another model of like kind and quality. EPSON's liability for replacement of the covered product will not exceed the original retail selling price of the covered product. Exchange products and parts assume the remaining warranty period of your original product covered by this limited warranty.

What This Warranty Does Not Cover: This warranty does not apply to refurbished or reconditioned products. This warranty covers only normal use in the United States and Canada. This warranty is not transferable and will not apply to products purchased from an end user. This warranty does not cover damage to the EPSON product caused by parts or supplies not manufactured, distributed or certified by EPSON. This warranty does not cover third party parts, components or peripheral devices added to the EPSON product after its shipment from EPSON. EPSON is not responsible for warranty service should the EPSON label or logo or the rating label or serial number be removed or should the product fail to be properly maintained or fail to function properly as a result of misuse, abuse, improper installation, neglect, improper shipping, damage caused by

disasters such as fire, flood, and lightning, improper electrical current, software problems, interaction with non-EPSON products, or service other than by an EPSON Authorized Servicer. If a claimed defect cannot be identified or reproduced, you will be held responsible for costs incurred.

THE WARRANTY AND REMEDY PROVIDED ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT OR FITNESS FOR A PARTICULAR PURPOSE. SOME LAWS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES. IF THESE LAWS APPLY, THEN ALL EXPRESS AND IMPLIED WARRANTIES ARE LIMITED TO THE WARRANTY PERIOD IDENTIFIED ABOVE. UNLESS STATED HEREIN, ANY STATEMENT OR REPRESENTATIONS MADE BY ANY OTHER PERSON OR FIRM ARE VOID. EXCEPT AS PROVIDED IN THIS WRITTEN WARRANTY, NEITHER EPSON AMERICA, INC., NOR ITS AFFILIATES SHALL BE LIABLE FOR ANY LOSS, INCONVENIENCE, OR DAMAGE, INCLUDING DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE OR INABILITY TO USE THE EPSON PRODUCT, OR FOR LOST DATA OR LOST SOFTWARE, WHETHER RESULTING FROM BREACH OF WARRANTY OR ANY OTHER LEGAL THEORY.

In Canada, warranties include both warranties and conditions.

Some jurisdictions do not allow limitations on how long an implied warranty lasts and some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from jurisdiction to jurisdiction.

Epson America, Inc., P. O. Box 93012
Long Beach, CA 90809-3012

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